REMARKS

Applicants have received and reviewed an Office Action dated March 25, 2002, which is in the form of a restriction requirement. By way of response, Applicants have amended claims 1 and 34, and elect the claims of Group I (claims 1-69) for further examination in the present application. No new matter is presented. Claims 1-69 are pending. Applicants submit the amended and newly presented claims are supported by the specification.

The amended independent claims recite eukaryotic recombination hotspots, disclosure of which is supported throughout the patent application, including at least at page 20, lines 9-27.

Applicants submit the amended claims are in condition for allowance and notification to that effect is earnestly solicited.

Petition for Extension of Time

It is noted that a 4-month petition for extension of time is necessary to provide for timeliness of the response. A request for such an extension is made extending the time for response from April 25, 2002 to August 25, 2002, which falls on a Sunday, extending the time for response to Monday, August 26, 2002.

Summary

In summary, each of the pending claims 1-69 is in condition for allowance. The Examiner is invited to contact Applicants' undersigned representative and the telephone number listed below, if the Examiner believes that doing so will advance prosecution of this application.

Respectfully submitted,

MERCHANT & GOULD P.C.
P.O. Box 2903
Minneapolis, Minnesota 55402-0903
(612) 332-5300

Date: Aug 26, 2002

Mark T. Skoog
Reg. No. 40,178

VERSION MARKED UP TO SHOW CHANGES MADE

1. (Amended) A haploid fungal cell comprising:

a recombinant genome, the recombinant genome comprising a heterologous DNA functionally coupled to an eukaryotic recombination hotspot;

the haploid fungal cell being capable of being converted to a diploid fungal cell;

the heterologous DNA being adapted and configured within the recombinant genome for recombination in the diploid fungal cell.

34. (Amended) A diploid fungal cell comprising:

a recombinant genome, the recombinant genome comprising a first heterologous DNA functionally coupled to a first eukaryotic recombination hotspot and a second heterologous DNA functionally coupled to a second eukaryotic recombination hotspot;

the first heterologous DNA and second heterologous DNA being adapted and configured within the recombinant genome for recombination.